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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket 960296.95726
First Inventor Frederick R. Blattner
Title Bacteria With Reduced Genome
Express Mail Label No. ET924501584US

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents.

ADDRESS TO: Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ Fee transmittal Form
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 42]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed Sponsored R&D
- Reference to sequence listing, a table
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 8]
5. ☐ Oath or Declaration [Total Pages 3]
a. ☒ Unexecuted (original or copy)
b. ☐ Copy from prior Application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
i. ☐ DELETION OF INVENTOR(S)
Signed Statement attached deleting inventor(s)
named in prior application, see 37CFR 1.63(d)(2)
and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. ☐ Specification Sequence Listing on
i. ☐ CD-ROM or CD-R (2 Copies); or
ii. ☐ Paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & documents)
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(where there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations
13. ☐ Preliminary Amendment
14. ☒ Return receipt postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified copy of priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: and in a preliminary amendment or in an
Application Data Sheet under 37 CFR 1.76

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no. /
Prior application information: Examiner: Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

NAME

Nicholas J. Seay

Quarles & Brady LLP

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Nicholas J. Seay

Registration No. (Attorney/Agent)

27,386

Signature

Date: January 23, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on
the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. QBMA01323409

**FEE TRANSMITTAL
FOR FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT **\$1592.00**Attorney Docket Number **960296.95726****Complete if Known**

Application Number

Filing Date

First Named Inventor

Frederick R. Blattner

Group Art Unit

Examiner Name

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number**17-0055**Deposit
Account
Name**Quarles & Brady LLP**

- ☒
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17

- ☐
- Applicant claims small entity status
-
- See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------------------|----------|--------------------------|----------|------------------------|-------------|
| 101 | 740 | 201 | 370 | Utility filing fee | 740 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$ 740.00) |

2. CLAIMS

| Total Claims | Extra | Fee from below | Fee Paid |
|---------------------------|-----------|----------------|----------|
| 30 | -20**= 10 | X 18 | = 180 |
| Independent 11 | -3**= 8 | X 84 | = 672 |
| Multiple Dependent Claims | | | = |

** or number previously paid, if greater. For reissues see below

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim |
| 109 | 84 | 209 | 42 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------------------|----------|--------------------------|----------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920 | 112 | 920 | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840 | 113 | 1,840 | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive unavoidably abandoned application | |
| 141 | 1,280 | 241 | 640 | Petition to revive unintentionally abandoned application | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 146 | 740 | 246 | 370 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 179 | 740 | 270 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$).00****SUBMITTED BY**Typed or
Printed Name **Nicholas J. Seay**Registration No.
(Attorney/Agent)**27,386****Complete (if applicable)**

Telephone

608/251-5000

Signature

Date

January 23, 2002



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January 23, 2002

Commissioner for Patents
Box Patent Application
Washington DC 20231

Re: Filing Patent Application

Dear Sir:

Enclosed for filing please find a patent application entitled:

BACTERIA WITH REDUCED GENOME

by Frederick R. Blattner
Gyorgy Posfai
Christopher D. Herring
Guy Plunkett III

The undersigned hereby certifies that this document is being deposited with the United States Postal Service today, January 23, 2002, by the "Express Mail" service, utilizing Express Mail label number ET924501584US, addressed to: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Please indicate receipt of this application by returning the attached postcard with the official Patent and Trademark Office receipt and serial number stamped thereon.

Respectfully submitted,

Enclosures
QBMAD\323408